

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030920\
 Data File : VD065446.D
 Acq On : 09 Mar 2020 13:28
 Operator : VA/SY
 Sample : L1844-02
 Misc : 7.92G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-15-030520

Quant Time: Mar 10 12:46:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	501628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	785234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	484169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	84712	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	228580	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
35) Dibromofluoromethane	7.92	113	266084	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	
50) Toluene-d8	10.34	98	875057	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
62) 4-Bromofluorobenzene	12.64	95	125672	21.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.70%	

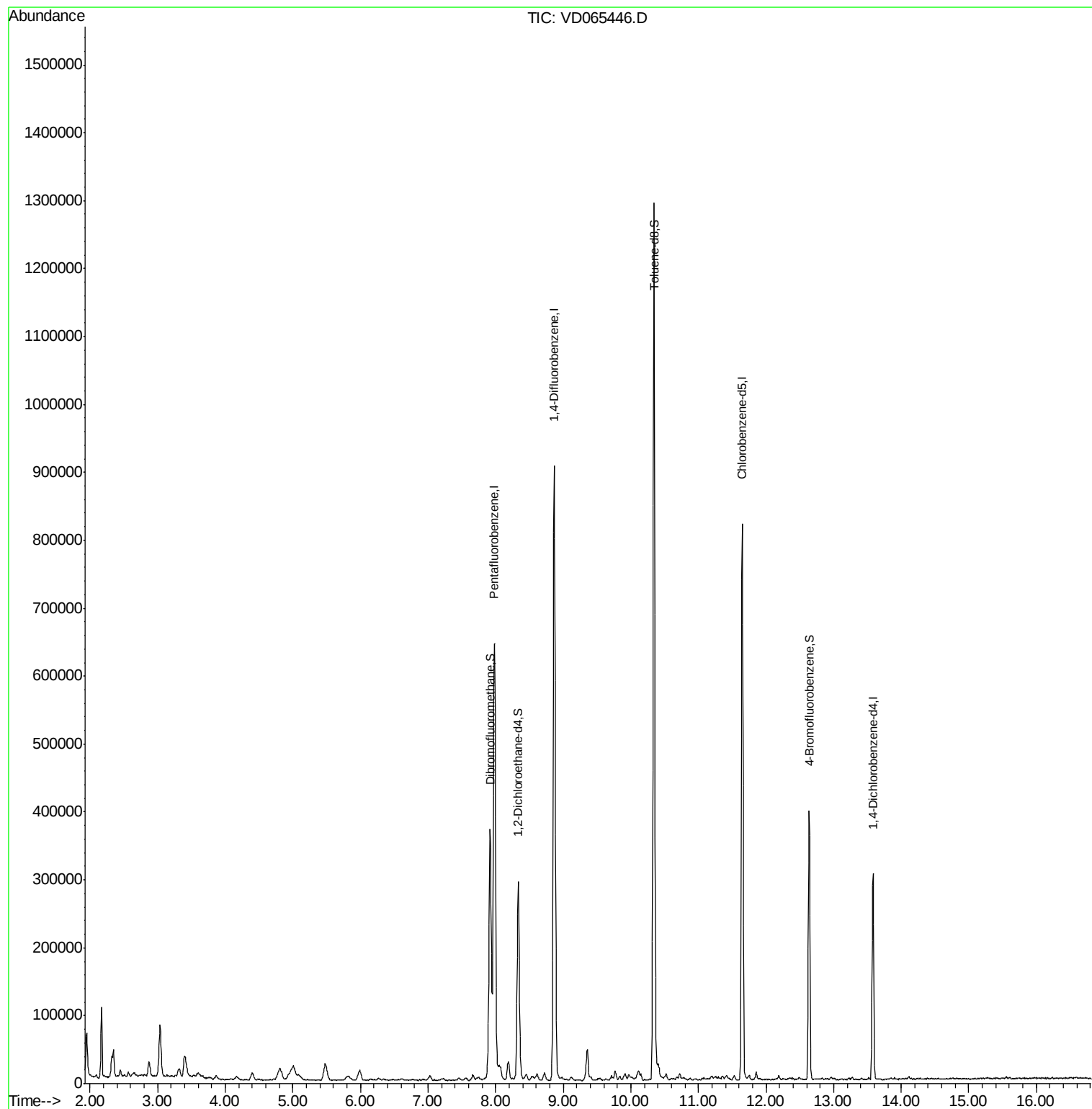
Target Compounds	Qvalue
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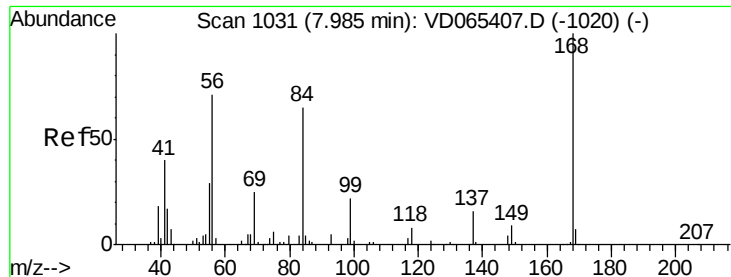
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065446.D

Acq: 09 Mar 2020 13:28

Instrument :

MSVOA_D

ClientSampleId :

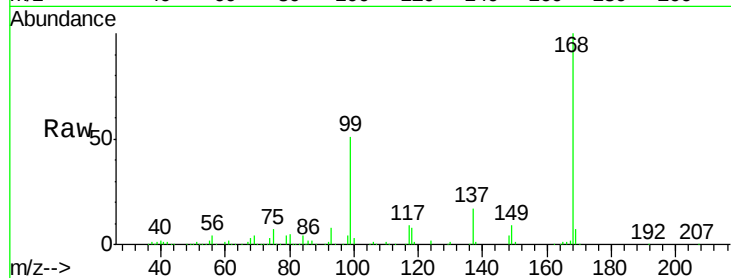
GP-15-030520

Tot Ion:168 Resp: 501628

Ion Ratio Lower Upper

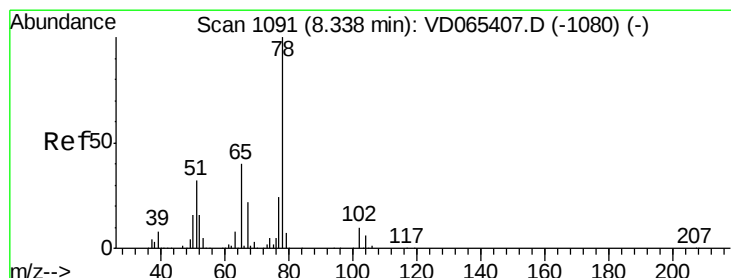
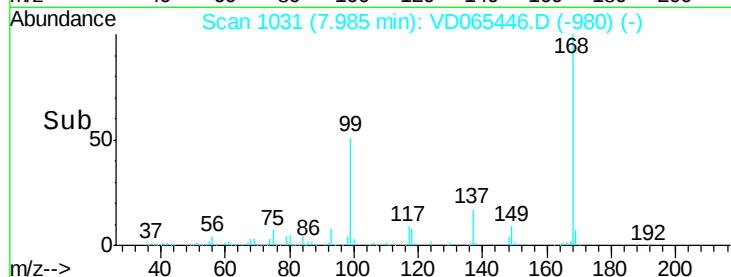
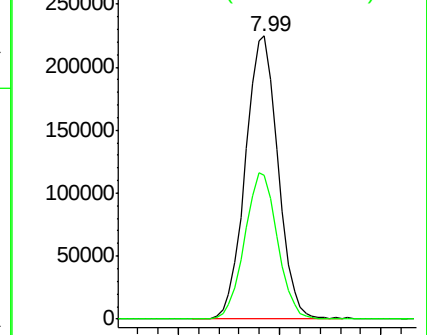
168 100

99 50.6 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 53.121 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065446.D

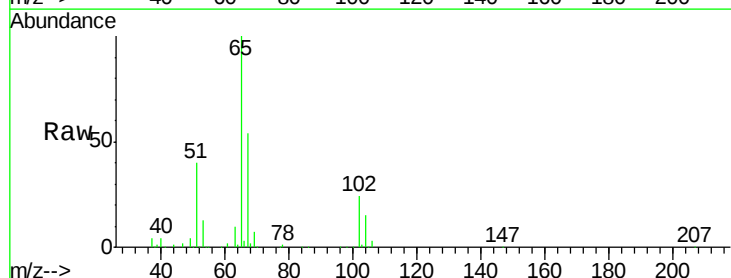
Acq: 09 Mar 2020 13:28

Tgt Ion: 65 Resp: 228580

Ion Ratio Lower Upper

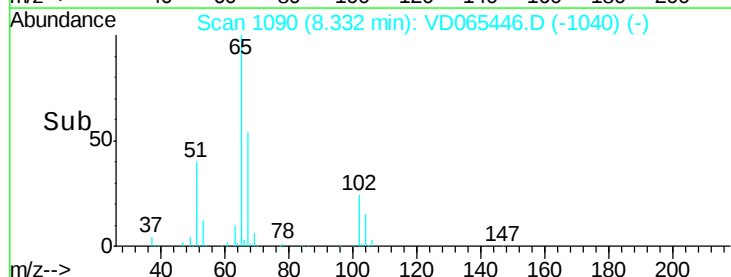
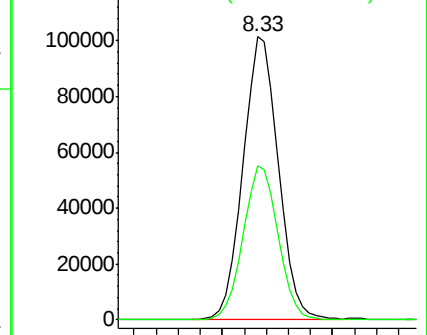
65 100

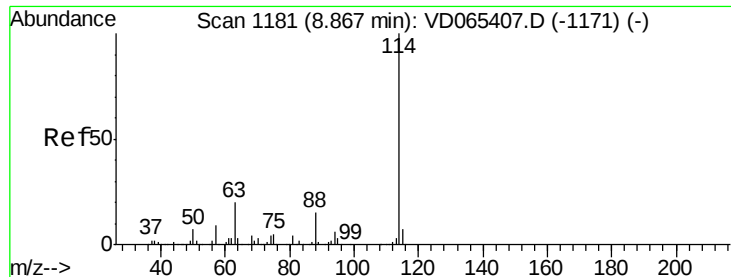
67 54.0 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065446.D

Acq: 09 Mar 2020 13:28

Instrument :

MSVOA_D

ClientSampleId :

GP-15-030520

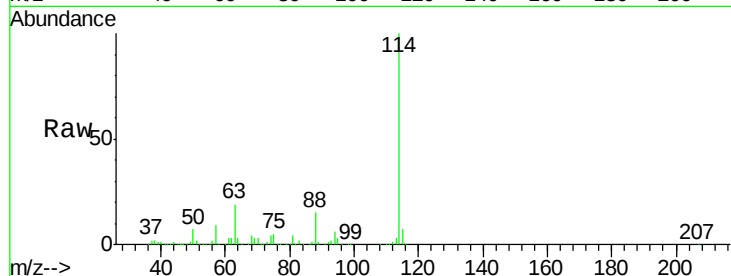
Tot Ion:114 Resp: 785234

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

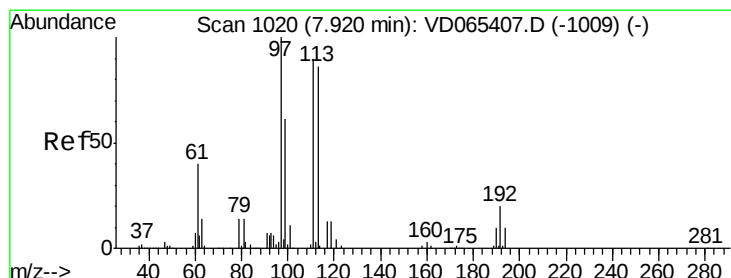
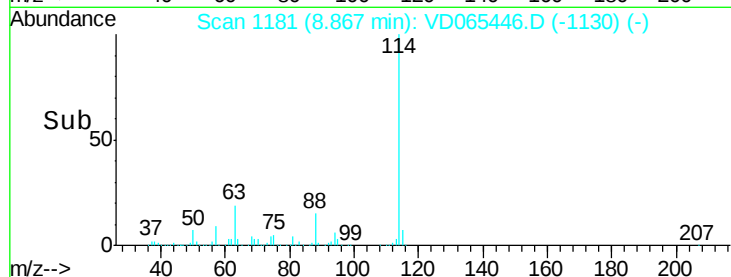
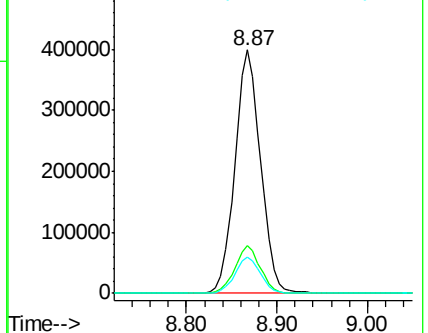
88 14.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 54.796 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065446.D

Acq: 09 Mar 2020 13:28

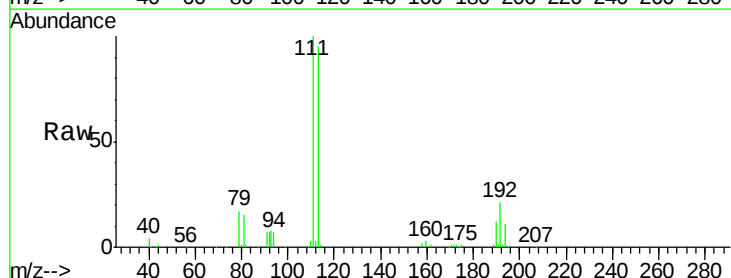
Tgt Ion:113 Resp: 266084

Ion Ratio Lower Upper

113 100

111 103.2 82.1 123.1

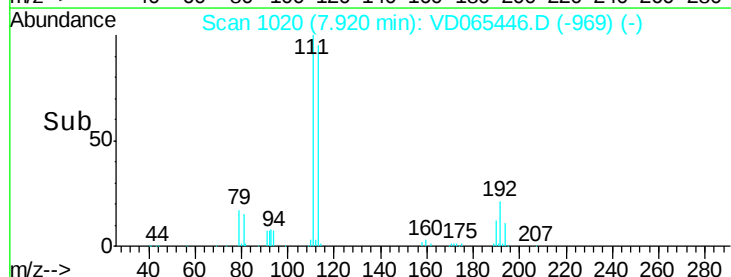
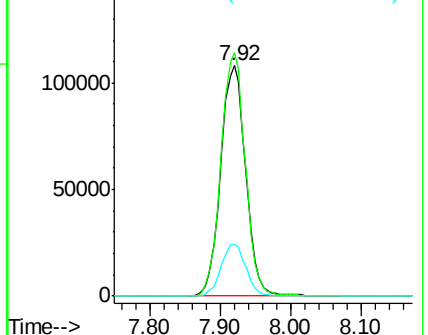
192 22.3 17.2 25.8

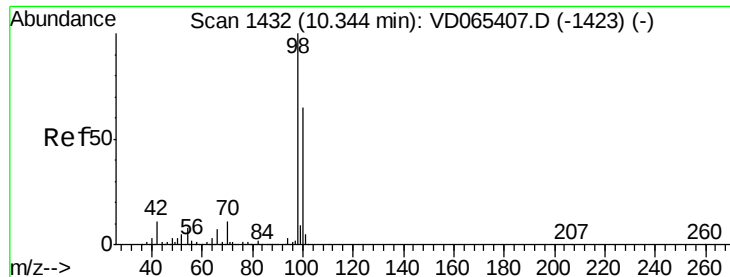


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.972 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065446.D

Acq: 09 Mar 2020 13:28

Instrument :

MSVOA_D

ClientSampleId :

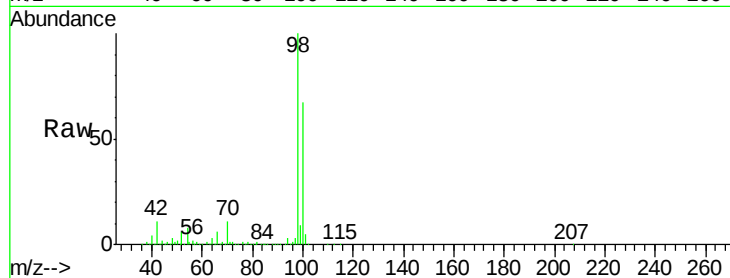
GP-15-030520

Tot Ion: 98 Resp: 875057

Ion Ratio Lower Upper

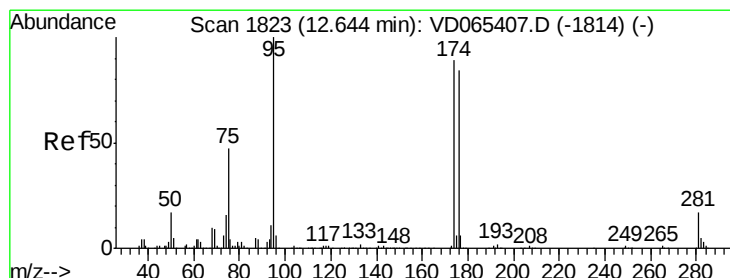
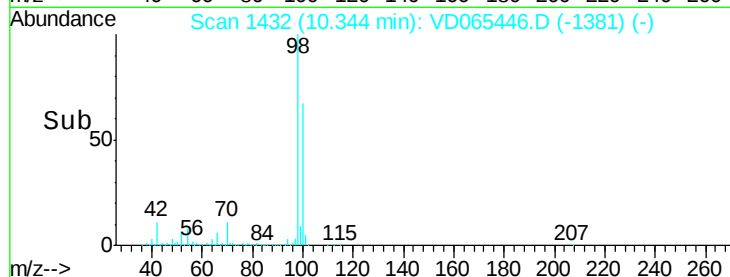
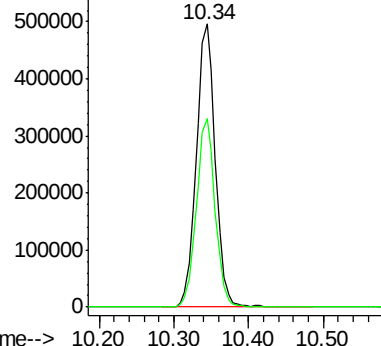
98 100

100 65.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 21.852 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065446.D

Acq: 09 Mar 2020 13:28

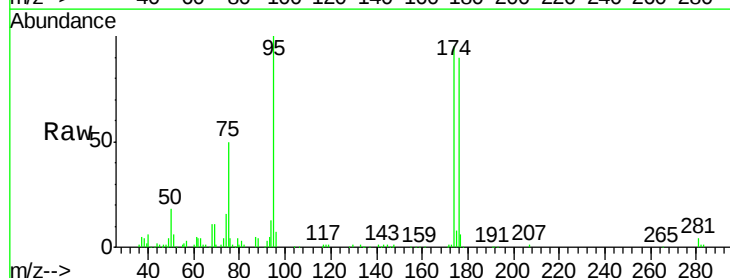
Tgt Ion: 95 Resp: 125672

Ion Ratio Lower Upper

95 100

174 91.8 0.0 176.8

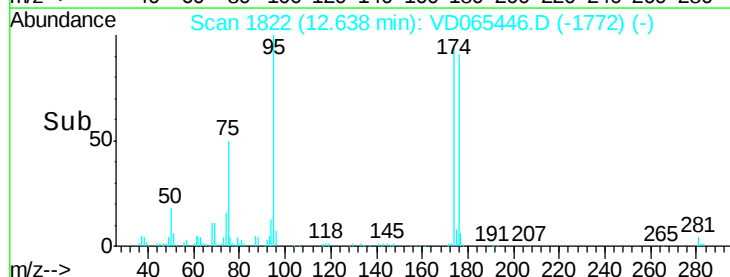
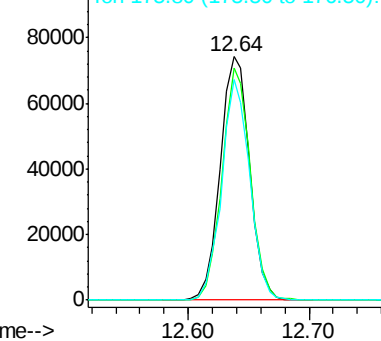
176 86.3 0.0 171.4

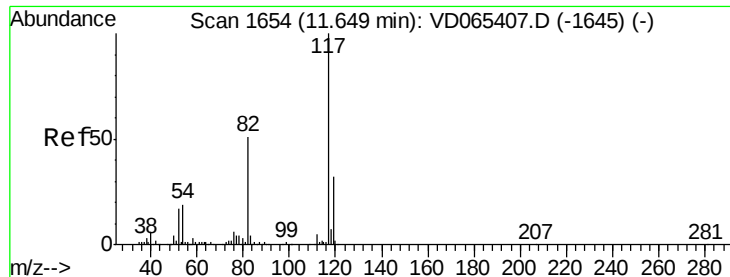


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

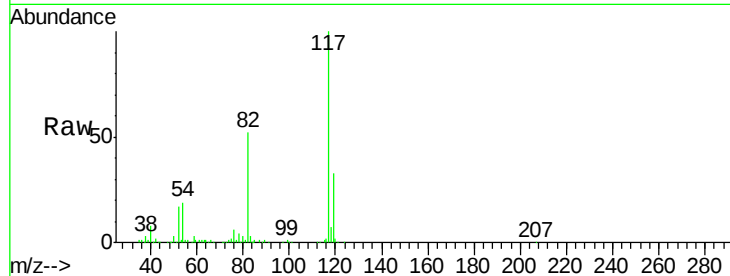




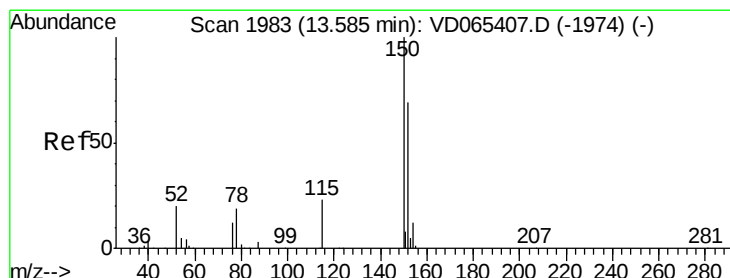
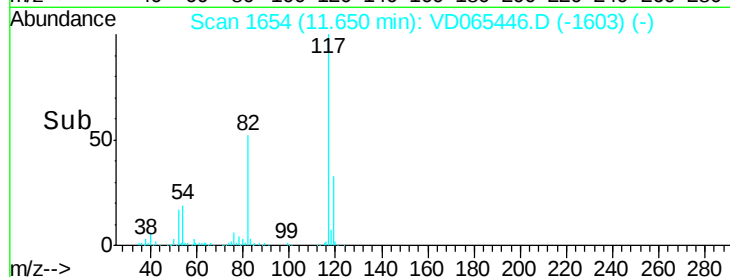
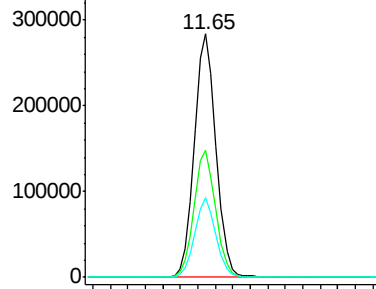
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065446.D
Acq: 09 Mar 2020 13:28

Instrument :
MSVOA_D
ClientSampleId :
GP-15-030520

Tot Ion:117 Resp: 484169
Ion Ratio Lower Upper
117 100
82 52.0 40.6 60.8
119 32.6 25.4 38.2

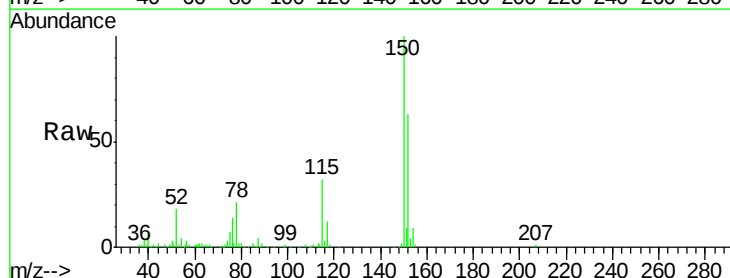


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065446.D
Acq: 09 Mar 2020 13:28

Tgt Ion:152 Resp: 84712
Ion Ratio Lower Upper
152 100
115 55.1 27.6 82.8
150 158.0 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

